



# Universal Remote Control Owner's Manual

RCR312W / RCR311BN / RCR311BIN / RCR311SN / RCR311STN

Manual del Propietario (parte posterior)

### SAVE THIS MANUAL AND THE CODE LISTS!

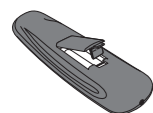
Remote controls can sometimes lose their programming when you change the batteries. Make sure you keep the manual and code lists in a safe place so that you can reprogram the remote if you need to.

**Tip:** This remote is already programmed to operate most RCA-branded TVs, VCRs, DVD players and satellite receivers. Just press the corresponding key—VCR•DVD for a DVD player, TV for a television, SAT•CBL•DTC for a satellite receiver.

## Step 1: Install your batteries

Your universal remote requires two AA alkaline batteries (batteries may or may not be included, depending on model).

### To install the batteries:



1. Remove the battery compartment cover.
2. Insert the batteries, matching the batteries to the (+) and (-) marks inside the battery compartment.
3. Push the battery cover back into place.

### Battery Precautions:

- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries.
- Always remove old, weak or worn-out batteries promptly and recycle or dispose of them in accordance with Local and National Regulations.

### Battery Saver

Your universal remote control saves battery power by automatically turning off if any key is pressed for more than 60 seconds. This saves your battery life should your remote get stuck in a place where the keys remain depressed, such as between sofa cushions.

## Step 2: Program your remote

To use this universal remote with your home entertainment system, first you need to program it to control your devices. There are four ways you can program the universal remote to operate your devices:

- The **Auto Code Search** goes automatically through all the codes for the device you're trying to control. It's the easiest method, but it can sometimes take longer than some of the other programming methods.
- The **Brand Code Search** searches through the codes for select brands of devices. It's not as easy as the auto code search, but it can be faster.
- The **Direct Code Entry** lets you enter a code from the accompanying code list for your brand of device. It's not as easy as the other methods, but it's potentially the fastest method.
- The **Manual Code Search** lets you manually go through all the codes for the device you're trying to control.

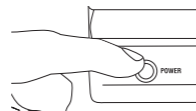
### Auto Code Search

The Auto Code Search goes automatically through all the codes for the device you're trying to control. When you find the one that operates your device, you can stop the search and store that code.

**TIPS:** Each device key is associated with a type of device—the TV is preset to search for TVs, SAT•CBL•DTC for satellite receivers, cable boxes or digital TV converters (DTC), and VCR•DVD for VCRs or DVD players.

To exit without saving a new code at any point in the Auto Code Search, press the GO BACK key.

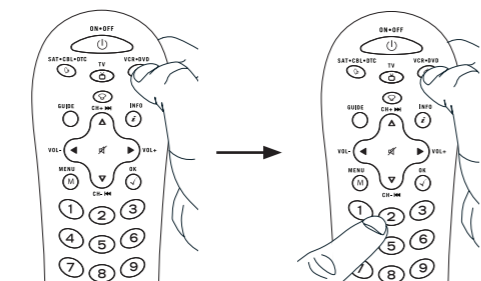
1. Manually turn on the device you want to control.



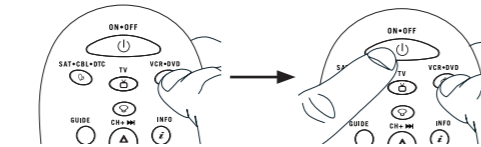
2. If you're programming the TV or SAT•CBL•DTC key, go to step 3.

If you're programming the VCR•DVD key, you need to tell the remote which kind of device you want this key to control, VCR or DVD.

Press and hold the VCR•DVD key. While you're holding down the VCR•DVD key, use your other hand to press the number key for the type of device you want to control with this key: 2 for VCR, 3 for DVD.



3. Press and hold the device key you want to program. While you're holding down the device key, use your other hand to press and hold the remote's ON•OFF key at the same time.



4. Wait until the ON•OFF key comes on and stays on. Then release both keys.



5. Point the remote directly at the front panel of the device you want to control. Press PLAY on the remote and wait 5 seconds. The remote is testing a batch of 10 codes on your device.



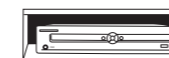
### Did your device turn off?

**YES:** Go to step 6.

**NO:** Press PLAY again. The remote tests the next batch of 10 codes.

Keep pressing PLAY every 5 seconds until your device turns off.

6. When your device turns off, press the REVERSE key on the remote and wait at least 2 seconds. The remote tries the last of the previous ten codes.



### Did your device turn on?

**YES:** Press the STOP key. You're done! You've programmed this device key.

**NO:** Press REVERSE again. The remote tests the next code in the batch.

Keep pressing REVERSE every 2 seconds until your device turns back on. When it does, press STOP.

**Note:** If you accidentally press the REVERSE key after your device turns on, press the FORWARD key. Then, wait two seconds to see if your device turns off again.

### NOTES

Throughout the programming of each key, be sure to keep the remote pointed at the IR sensor of the device you are currently programming the remote to control.

Test the remote with the device to make sure the device key is programmed with the correct code for maximum functionality. If some features don't work, try a different code. See the "Testing the Code for Maximum Functionality" section below for more information.

During the Auto Code Search, the remote ignores keypresses that aren't part of the search.

The search times out after two minutes (the ON•OFF key blinks four times and turns off, and the last programmed code under that device key is retained).

The ON•OFF key blinks four times and turns off when the remote has gone through all the codes. The remote exits the Auto Code Search. If your device hasn't turned off yet, try a different search method.

### Testing the Code for Maximum Functionality

1. Try a variety of the device's functions with the remote. If some device features don't work, go to next step to try a different code.
2. Repeat the Auto Code Search Method from the beginning. When your device turns off, do not stop searching. Instead, with the unit now off, continue to press the PLAY key every 5 seconds until the unit turns back on.
3. Once the unit turns back on, press the REVERSE key on the remote every 2 seconds until your device turns off again. When your device turns off again, press the STOP key.

4. Test the key's functionality again by attempting to control a variety of the device's functions. If the code that has been stored controls the majority of the device's functions, programming is complete. If the code stored does not give maximum functionality, try another code.

### Brand Code Search

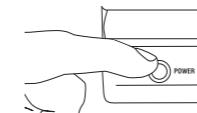
The Brand Code Search goes through only the codes for one of the select brands listed in the accompanying code list. If your brand of device is listed, this search can be very quick and easy.

**TIPS:** Each device key is associated with a type of device—the TV is preset to search for TVs, SAT•CBL•DTC for satellite receivers, cable boxes or digital TV converters (DTC), and VCR•DVD for VCRs or DVD players.

The ON•OFF key serves as an indicator light during programming, giving you feedback at each stage of the process.

To exit without saving a new code at any point in the Brand Code Search, press the GO BACK key.

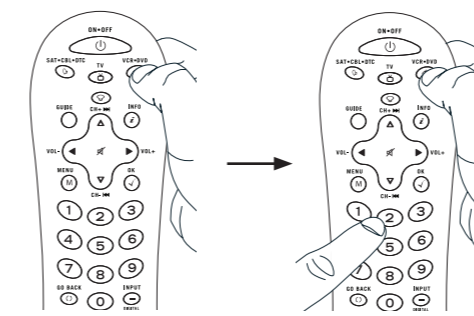
1. Manually turn on the device you want to control.



2. If you're programming the TV or SAT•CBL•DTC key, go to step 3.

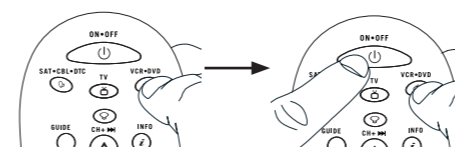
If you're programming the VCR•DVD key, you need to tell the remote which kind of device you want this key to control, VCR or DVD.

Press and hold the VCR•DVD key. While you're holding down the VCR•DVD key, use your other hand to press the number key for the type of device you want to control with this key: 2 for VCR, 3 for DVD.



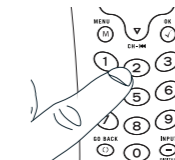
3. Find your device's brand in the Brand Code list section of the accompanying code list. Circle the number for your brand and keep the list handy.

4. Press and hold the device key you want to program. While you're holding down the device key, use your other hand to press and hold the remote's ON•OFF key at the same time.

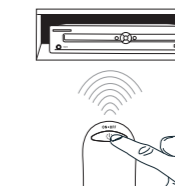


5. Wait until the ON•OFF key comes on and stays on. Then release both keys.

6. Look at the number you circled for your device's brand code number. Press that number on the remote keypad.



7. Point the remote directly at the front panel of the device you want to control. Press ON•OFF on the remote and wait 2 seconds. The remote is testing a single code for your device's brand.



### Did your device turn off?

**YES:** Press the STOP key to store the code. You're done! You've programmed this device key.

**NO:** Press ON•OFF again. The remote tests the next code for your brand.

Keep pressing ON•OFF every 2 seconds until your device turns back on. When it does, press STOP.

### NOTES

Throughout the programming of each key, be sure to keep the remote pointed at the IR sensor of the device you are currently programming the remote to control.

Test the remote with the device to make sure the device key is programmed with the correct code for maximum functionality. If some features don't work, try a different code. See the "Testing the Code for Maximum Functionality" section below for more information.

During the Brand Code Search, the remote ignores keypresses that aren't part of the search.

The search times out after two minutes (the ON•OFF key blinks four times and turns off, and the last programmed code under that device key is retained).

The ON•OFF key blinks four times and turns off when the remote has gone through all the codes. The remote exits the Brand Code Search. If your device hasn't turned off yet, try a different search method.

### Testing the Code for Maximum Functionality

1. Try a variety of the device's functions with the remote. If some device features don't work, go to the next step to try a different code.
2. Repeat the Brand Code Search from the beginning. When the device turns off for the first time, don't press the STOP key, which would store the same code. Instead, with the unit now off, continue to press the ON•OFF key repeatedly until the unit turns back on.
3. Once the unit turns back on, you have found another code that operates the device. Press the STOP key.
4. Test the key's functionality again by attempting to control a variety of the device's functions. If the code that has been stored controls the majority of the device's functions, programming is complete. If the code stored does not give maximum functionality, try another code.

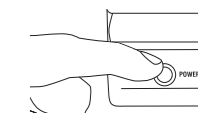
### Direct Code Entry

Direct Code Entry lets you enter a code from the accompanying code list for your brand of device. It's not as easy as the other methods, but it's potentially the fastest method.

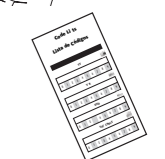
**TIP:** Each device key is associated with a type of device—the TV is preset to search for TVs, SAT•CBL•DTC for satellite receivers, cable boxes or digital TV converters (DTC), and VCR•DVD for VCRs or DVD players.

The ON•OFF key serves as an indicator light during programming, giving you feedback at each stage of the process.

1. Manually turn on the device you want to control.

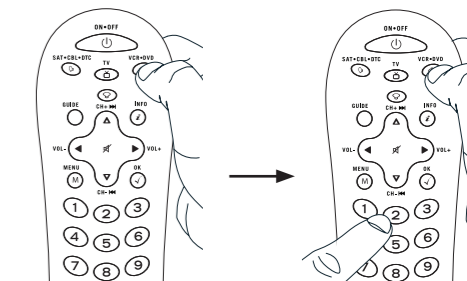


2. Find the Code List that came with the remote. Locate the section for the type of device you're trying to program, and find your brand in that section. Circle the codes for your brand and keep them handy.



3. Press and hold the device key you want to program (the ON•OFF key comes on).

While you're holding down the device key, use your other hand to enter the first five-digit code for your brand in the code list (the ON•OFF key goes off after the first digit).



4. When you're finished entering the five-digit code, keep holding down the device key and look at the ON•OFF key.

### Is the ON•OFF key on?

**YES:** You're done! You've programmed this device key.

**NO, it blinked four times and turned off:** You have either entered a code number that is not in the code lists or missed a step in the code entry procedure. Try step 3 again.

### NOTES

Remember to enter the code for future reference in the box provided in the Code Retrieval section of this manual.

If your brand isn't listed in the code list, use one of the Code Search methods to program the remote control. (Refer to the Auto and Manual Code Search methods.)

If you release the device key any time during the Direct Code Entry procedure, the ON•OFF key blinks four times, and the process is exited. The last programmed code under the device key is retained.

Test the remote with the device to make sure the device key is programmed with the correct code for maximum functionality. If some features don't work, try a different code in the list.

### Manual Code Search

The Manual Code Search lets you go one-by-one through all the codes for the device you're trying to control. When you find the one that operates your device, you can stop the search and store that code.

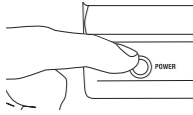
**TIPS:** Each device key is associated with a type of device—the TV is preset to search for TVs, SAT•CBL•DTC for satellite receivers, cable boxes or digital TV converters (DTC), and VCR•DVD for VCRs or DVD players.

The ON•OFF key serves as an indicator light during programming, giving you feedback at each stage of the process.

The Manual Code Search method may take a long time because the remote searches through all of the codes in its memory one-by-one. If your brand is listed in the Brand Codes or the Code Lists, first try the Brand Code Search or the Direct Code Entry method.

To exit without saving a new code at any point in the Manual Code Search, press the GO BACK key.

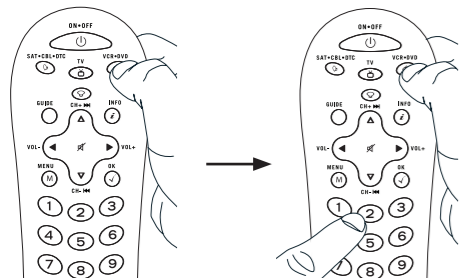
**1.** Manually turn on the device you want to control.



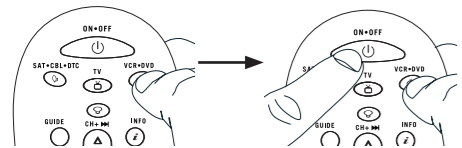
**2.** If you're programming the TV or SAT•CBL•DTC key, go to step 3.

If you're programming the VCR•DVD key, you need to tell the remote which kind of device you want this key to control, VCR or DVD.

Press and hold the VCR•DVD key. While you're holding down the VCR•DVD key, use your other hand to press the number key for the type of device you want to control with this key: 2 for VCR, 3 for DVD.

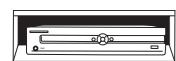


**3.** Press and hold the device key you want to program. While you're holding down the device key, use your other hand to press and hold the remote's ON•OFF key at the same time.



**4.** Wait until the ON•OFF key comes on and stays on. Then release both keys.

**5.** Point the remote directly at the front panel of the device you want to control. Press ON•OFF on the remote and wait 2 seconds. The remote is testing a single code for your device.



**Did your device turn off?**

**YES:** Press the STOP key to store the code. You're done! You've programmed this device key.

**NO:** Press ON•OFF again. The remote tests the next code for your device.

Keep pressing ON•OFF every 2 seconds until your device turns back on. When it does, press STOP.

**TIP:** Because there are so many codes, you may have to press the ON•OFF key many times—possibly hundreds of times.

**NOTES**

Throughout the programming of each key, keep the remote pointed at the IR sensor of the device you are programming the remote to control.

Test the remote with the device to make sure the device key is programmed with the correct code for maximum functionality. If some features don't work, try a different code. See the "Testing the Code for Maximum Functionality" section below for more information.

During the Manual Code Search, the remote ignores keypresses that aren't part of the search.

The search times out after two minutes (the ON•OFF key blinks four times and turns off, and the last programmed code under that device key is retained).

The ON•OFF key blinks four times and turns off when the remote has gone through all the codes. The remote exits the Manual Code Search. If your device hasn't turned off yet, try a different search method.

**Testing the Code for Maximum Functionality**

1. Try a variety of the device's functions with the remote. If some features of your devices don't work, go to the next step to try a different code.
2. Repeat the Manual Code Search from the beginning. When the device turns off for the first time, don't press the STOP key, which would store the same code. Instead, with the unit now off, continue to press the ON•OFF key repeatedly until the unit turns back on.
3. Once the unit turns back on, you have found another code that operates the device. Press the STOP key.
4. Test the key's functionality again by trying a variety of functions. If the code controls the majority of the device's functions, programming is complete. If the code stored does not give maximum functionality, try another code.

**Tour of the Remote**

In most cases, the keys on this remote perform the same functions as the keys on your original remotes once you've programmed this remote to operate your components. Many keys on this remote have other functions as well.

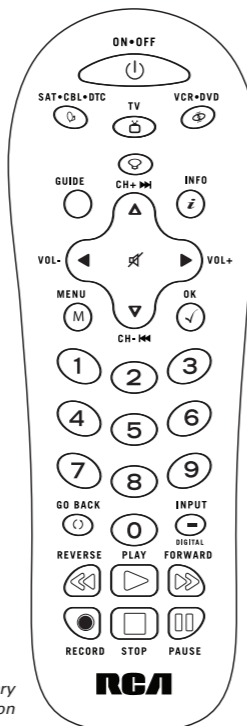
Illuminated ON•OFF key serves as an indicator light to provide feedback.

Device keys (TV, SAT•CBL•DTC, VCR•DVD) put the remote in the right mode to control your device.

Backlight key (☺) turns backlighting on/off.

GUIDE and MENU put the remote in menu/guide mode, which makes the CH/VOL keys serve as arrow keys; they also access the same features as the keys on your original remotes.

Actual model may vary from illustration



CH and VOL keys have dual functions: they can act as navigation keys in menu systems as well as channel and volume controllers outside the menus. The CH keys also provide skip forward and skip back control for DVD players and DVRs that support this functionality.

GO BACK exits remote programming; it also performs the same functions as on your original remotes

The INPUT and — (dash) key has three functions: (1) it toggles through all the video sources connected to your TV; (2) when the remote is in VCR mode, this button toggles between VCR and the TV input; (3) when you're entering digital channel numbers directly, this button lets you separate the main channel number from the sub-channel number (such as 59.1)

**IMPORTANT**

Because this remote controls more than one device, you must first "tell" the remote which device you wish to operate. That means, if you wish to operate your TV, you must first press the TV key to put the remote in the TV Mode. The remote stays in that device mode until you press a different device key. For example, if your remote is in TV Mode and you want to operate the DVD player, you must press the VCR•DVD key to change device modes.

**Backlighting**

Backlight illumination helps you see the remote control keys better in the dark. You can turn backlight illumination on or off by pressing the backlight key (☺). Backlighting stays on as long as keys are being pressed and turns off six seconds after the last keypress. Once the backlight time has timed out, any keypress will reactivate it. If the backlight illumination is on, and you press the backlight key, the backlight turns off.

**Accessing Device Menus and Guides**

Many devices use on-screen menus and guides to help you navigate through all their features and programming. While this remote may not access every menu or guide system of every device model, it does offer some menu and guide functionality.

To use a device's on-screen menu or guide system, you first have to put the remote in Menu or Guide Mode.

1. Make sure your devices are turned on and your TV is set to the correct device input (use the INPUT key to toggle through inputs when in TV Mode.)
2. Press the device key whose menu you want to access.
3. To access menus, press the MENU key. To access guides, press the GUIDE key. The ON•OFF key starts blinking, indicating you are in Menu or Guide Mode.

4. Use the VOL+/- and CH+/- keys to navigate through the on-screen menu system or guide. To select the highlighted item, press the OK key.

**TIP:** If the remote doesn't respond, check to see that the ON•OFF key is still blinking. The ON•OFF key times out after 20 seconds. If this happens, just press the MENU key again, and then retry your selection.

**Exiting Menu/Guide Mode**

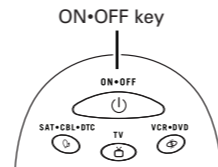
The remote automatically times out of Menu or Guide Mode after 20 seconds of inactivity (no keys being pressed). At that time, the remote clears the displayed menu from the TV.

If you want to exit the Menu Mode yourself, press the corresponding device key on the remote (TV, SAT•CBL•DTC, VCR•DVD). The ON•OFF key turns off.

**Advanced Functions**

**Code Retrieval**

Once you've programmed the remote to control your devices, you may want to record the codes for future reference. If you used the Direct Code Entry method, this is easy. Just find the codes you entered and make a note of them in the boxes below. If you used one of the Code Search methods to program your remote or if you used the Direct Entry method but don't remember the code, you will need to retrieve each device's five-digit code. Retrieving the actual code and rewriting it down will save you time if you ever need to program the remote again (e.g., if programming is lost when you change the batteries). If the codes are recorded, you can use the Direct Entry method to reprogram your remote to control your devices, which is quick and easy.

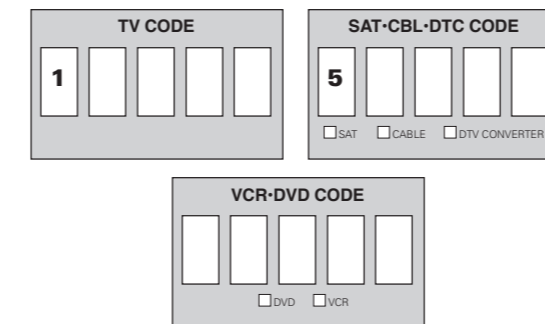


1. Press and hold the device key (TV, SAT•CBL•DTC, VCR•DVD) whose code you wish to retrieve. The ON•OFF key turns on. Keep pressing the device key.
2. While holding the device key down, press and hold the INFO key. The ON•OFF key turns off. After holding down both keys for three seconds, the ON•OFF key turns back on.
3. Release both keys. The ON•OFF key remains on.
4. Starting with the number 1 key, press and release each number key on the keypad in the following order: 1-9, then 0. The number that causes the ON•OFF key to blink is the first number of the code. As you find each number of the code, write it down for future reference.
5. Repeat step 4 until you have retrieved all five numbers in the code. After the fifth number is retrieved, the ON•OFF key blinks briefly, then turns off.

**Note:** All TV codes begin with the number 1; all VCR and DVR codes begin with the number 2; all DVDs, the number 3; and all satellite receivers, cable boxes and DTV converters, the number 5.

**TIP:** To exit the Code Retrieval Mode at any time, press the GO BACK key.

**Note:** If you press an invalid key during the Code Retrieval process, the remote will not respond. If you do not press a valid Code Retrieval key (TV, SAT•CBL•DTC, VCR•DVD, INFO, GO BACK), Code Retrieval times out after 15 seconds. The ON•OFF key blinks four times, and then turns off.



**Troubleshooting**

**Problem: The remote does not operate your device.**

- Make sure the remote is in the correct mode by pressing the corresponding device key (TV, SAT•CBL•DTC, VCR•DVD). This tells the remote which device to operate.
- Remove any obstacles between the remote and the device. Make sure you're aiming the remote at the device's IR sensor.
- Make sure the batteries are fresh and are properly installed. Replace the batteries with two new AA batteries, if necessary (see the Battery Installation section).

**Problem: The remote can't be programmed to operate your device.**

- If you are testing the remote while programming it, you may be too far away from the device or at a wrong angle. There must be an unobstructed path between the remote and the IR sensor on the device. Move closer and make sure you point the remote at the device you're trying to control.
- If you're using the Direct Entry programming method to enter the codes for your brand and the unit is still not functioning properly, try the auto, brand, or manual search method.
- To control combo units, like TV/VCRs or TV/DVDs, you must program the individual corresponding device keys to control each part of the combo unit. Once programmed successfully, the TV key controls the TV functions, and the VCR•DVD key controls the VCR or DVD functions.
- Make sure the batteries are fresh and are properly installed.

**Problem: The remote doesn't perform commands properly.**

- Make sure the remote is in the correct mode by pressing the corresponding device key (TV, SAT•CBL•DTC, VCR•DVD). This tells the remote which device to operate.
- Make sure device is ready (for example, the DVD player has a disc loaded).
- You may have pressed an invalid key for the mode the remote is in.
- If you're trying to enter a channel number directly, try pressing the ENTER key after entering the channel number as this is a requirement of certain models and brands.
- There is a possibility that a programmed code may only be able to control some of your device features (for example, only turns a device on and off). To confirm that the device key is programmed with the correct code for maximum functionality, test the device. Attempt to control a variety of the device's functions with the remote. If some of the features of your devices don't work, try programming the remote with a different code in the list using the Direct Code Entry Method, until you find the code that allows the remote to control the majority of your device's functions. Different codes can provide different levels of functionality.

**Problem: The ON•OFF key does not light when you press a key.**

- You may have pressed an invalid key for the mode the remote is in.
- Make sure the remote is in the correct mode by pressing the corresponding device key (TV, SAT•CBL•DTC, VCR•DVD). This tells the remote which device to operate.
- Make sure the batteries are fresh and are properly installed. Replace the batteries with two new AA batteries, if necessary (see the Battery Installation section).

**Problem: The remote will not change channels on device.**

- Make sure the remote is in the correct mode by pressing the corresponding device key (TV, SAT•CBL•DTC, VCR•DVD). This tells the remote which device to operate.
- Press the ENTER key after you enter a channel number.
- Remove any obstacles between the remote and the device. Make sure to aim the remote at the IR sensor on the device.

**Problem: The device's menu does not appear on the TV screen.**

- Make sure you have connected the device to your TV properly and selected the correct input. (See your devices' Owner's Manuals for proper connection procedures.)
- Make sure the remote is in the correct mode by pressing the corresponding device key (TV, SAT•CBL•DTC, VCR•DVD). This tells the remote which device to operate.
- Menu access isn't supported for all brands. You may need to use your original remote control to access menu functions for some devices.

**For more information, please visit [www.rcaaccessories.com](http://www.rcaaccessories.com)**

**Consumer Help Line: 1-800-420-7968**

**Care and Maintenance**

- Keep the remote dry. If it gets wet, wipe it dry immediately.
- Use and store the remote only in normal temperature environments.
- Handle the remote gently and carefully. Don't drop it.
- Keep the remote away from dust and dirt.
- Wipe the remote with a damp cloth occasionally to keep it looking new.
- Modifying or tampering with the remote's internal devices can cause malfunction and invalidate its warranty.

**Limited Lifetime Warranty**

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 RCR312W US 05



# Manual del Propietario del Control Remoto Universal

RCR312W / RCR311BN / RCR311BIN / RCR311SN / RCR311STN

Owner's Manual (English on back)

### ¡GUARDE ESTE MANUAL Y LAS LISTAS DE CÓDIGOS!

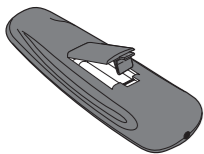
En ocasiones los controles remotos pierden su programación cuando se cambian las baterías. Asegúrese de mantener el manual y las listas de códigos en un lugar seguro de manera que pueda volver a programar el control remoto de ser necesario.

**Consejo:** Este control remoto ya está programado para la mayoría de televisores, VCR, lectores de DVD y receptores de satélite RCA. Sencillamente oprima la tecla correspondiente—VCR•DVD para un Lector de DVD, TV para un televisor, SAT•CBL•DTC para un receptor de satélite.

## Paso 1: Instale las baterías

El control remoto necesita dos baterías alcalinas AA (las baterías pueden estar incluidas o no, dependiendo de modelo).

Para instalar las baterías:



1. Retire la tapa del compartimiento de las baterías.
2. Inserte las baterías, cerciorándose de que las polaridades (+) y (-) correspondan con el diagrama que aparece en el compartimiento de las baterías.
3. Vuelva a colocar la tapa del compartimiento de las baterías en su posición.

### Precauciones sobre las Baterías:

- No combine baterías nuevas y viejas.
- No combine diferentes tipos de baterías: alcalinas, estándar (carbón-zinc) o recargables (níquel-cadmio).
- Siempre remueva de inmediato baterías viejas, débiles o desgastadas, y reciclelas o deséchelas según lo disponen las normas locales y nacionales.

## Ahorro de Batería

Su control remoto universal ahorra la potencia de las baterías al apagar automáticamente cualquier tecla que se oprima por más de 60 segundos. Esta acción prolonga la vida útil de las baterías en caso de que el control remoto quede pillado en un lugar donde las teclas permanezcan oprimidas, tal como entre los cojines de un sofá.

## Paso 2: Programe el control remoto

Para utilizar este control remoto universal con su sistema de entretenimiento en el hogar, necesitará primero programarlo para manejar sus dispositivos. Para programar el control remoto universal para manejar sus dispositivos, utilice uno de los cuatro métodos a continuación.

- La **Búsqueda Automática de Códigos** recorre automáticamente todos los códigos del dispositivo que desea manejar. Este es el método más fácil, pero a veces toma más tiempo que algunos de los demás métodos de programación.
- La **Búsqueda de Códigos por Marca** busca a través de los códigos según la marca de dispositivos seleccionada. No es tan fácil como la búsqueda de códigos automática, pero muchas veces puede ser más rápida.
- La **Entrada Directa de Códigos** le permite ingresar un código de la lista de códigos suministrada para la marca de su dispositivo. No es tan fácil como los otros métodos, pero es posiblemente el más rápido.
- La **Búsqueda Manual de Códigos** le permite recorrer manualmente todos los códigos del dispositivo que desea manejar.

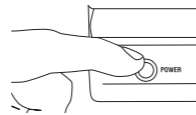
## Búsqueda Automática de Códigos

La Búsqueda Automática de Códigos recorre automáticamente todos los códigos del dispositivo que desea manejar. Cuando encuentre el que maneja su dispositivo, puede detener la búsqueda y guardar el código.

**CONSEJO:** Cada tecla de dispositivo está asociada a un tipo de dispositivo—TV está configurada para buscar TV, SAT•CBL•DTC para receptores de satélite, aparatos de cable o convertidores de TV digital, y VCR•DVD para VCRs o lectores de DVD.

Para salir en cualquier momento de la Búsqueda Automática de Códigos sin guardar un código nuevo, oprima la tecla GO BACK.

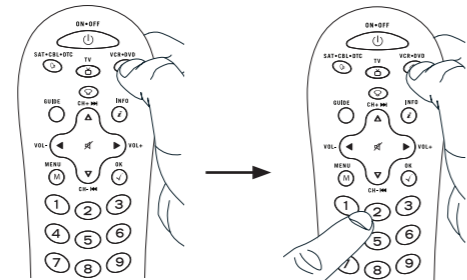
1. Encienda manualmente el dispositivo que desea manejar.



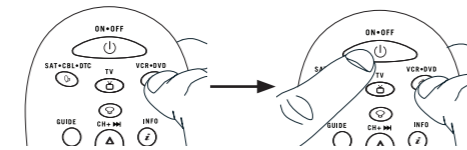
2. Si está programando la tecla TV o SAT•CBL•DTC, vaya al paso 3.

Si está programando la tecla VCR•DVD, necesitará indicarle al control remoto el tipo de dispositivo que desea que esta tecla maneje, VCR o Lector de DVD.

Oprima y sostenga la tecla VCR•DVD. Mientras sostiene la tecla VCR•DVD, utilice la otra mano para oprimir la tecla numérica para el tipo de dispositivo que desea manejar con esta tecla: 2 para VCR, 3 para Lector de DVD.



3. Oprima y sostenga la tecla de dispositivo que desea programar. A la vez que sostiene la tecla de dispositivo, utilice la otra mano para oprimir y sostener simultáneamente la tecla ON•OFF del control remoto.



4. Espere hasta que la tecla ON•OFF se ilumine y permanezca iluminada. Luego, suelte ambas teclas.



5. Mantenga el control remoto apuntado directamente al panel frontal del dispositivo que desea manejar. Oprima la tecla PLAY del control remoto y espere 5 segundos. El control remoto está probando códigos para el dispositivo.

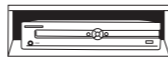


- ¿Se apagó el dispositivo?**  
**SÍ:** Vaya al Paso 6.

**NO:** Oprima PLAY nuevamente. El control remoto prueba el próximo grupo de 10 códigos.

Continúe oprimiendo PLAY cada 5 segundos hasta que el dispositivo se apague.

6. Cuando el dispositivo se apague, oprima la tecla REVERSE del control remoto y espere por lo menos 2 segundos. El control remoto prueba el último código del grupo anterior de 10 códigos.



**¿Se encendió el dispositivo?**

**SÍ:** Oprima la tecla STOP. ¡Listo! La tecla de dispositivo está programada.



**NO:** Oprima REVERSE nuevamente. El control remoto prueba el próximo código en el grupo de códigos.

Continúe oprimiendo REVERSE cada 2 segundos hasta que el dispositivo se encienda. Cuando se encienda, oprima STOP.

**Aviso:** Si oprime accidentalmente la tecla REVERSE luego de que el dispositivo se encienda, oprima la tecla FORWARD. Luego, espere dos segundos para ver si su dispositivo se vuelve a apagar.

## NOTAS

A través de la programación de cada tecla, asegúrese de mantener el control remoto apuntado directamente al sensor infrarrojo del dispositivo que está actualmente programando con el control remoto.

Pruebe el control remoto con el dispositivo para asegurarse que la tecla de dispositivo esté programada con el código correcto y garantizar así su máxima funcionalidad. Si no puede utilizar alguna de las funciones, intente con otro código. Para obtener mayor información, consulte la sección "Cómo Probar el Código para Obtener Máxima Funcionalidad" a continuación.

Durante la Búsqueda Automática de Códigos, el control remoto ignora la opresión de teclas que no son parte de la búsqueda.

La búsqueda se detendrá luego de dos minutos (la tecla ON•OFF parpadea cuatro veces y se apaga, y se retiene el último código programado bajo la tecla de dispositivo).

La tecla ON•OFF parpadea cuatro veces y se apaga cuando el control remoto ha recorrido todos los códigos. El control remoto sale del método de Búsqueda Automática de Códigos. Si su dispositivo aún no se ha apagado, intente un método de búsqueda diferente.

## Cómo Probar el Código para Obtener Máxima Funcionalidad

1. Pruebe una variedad de funciones del dispositivo con el control remoto. Si no puede utilizar alguna de las funciones del dispositivo, vaya al próximo paso e intente un código diferente.
2. Repita la Búsqueda Automática de Códigos desde el comienzo. Cuando su dispositivo se apague, no detenga la búsqueda. En vez, con la unidad apagada, continúe oprimiendo la tecla PLAY cada 5 segundos hasta que la unidad se vuelva a encender.
3. Cuando se vuelva a encender la unidad, oprima la tecla REVERSE en el control remoto cada 2 segundos hasta que el dispositivo se vuelva a apagar. Cuando el dispositivo se vuelva a apagar, oprima la tecla STOP.

4. Nuevamente, pruebe la funcionalidad de la tecla intentando controlar una variedad de funciones del dispositivo. Si el código que se ha almacenado controla la mayoría de las funciones del dispositivo, entonces habrá concluido la programación. Si el código guardado no brinda una máxima funcionalidad, intente otro código.

## Búsqueda de Códigos por Marca

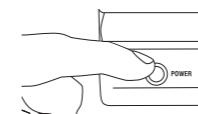
La Búsqueda de Códigos por Marca recorre sólo los códigos de una de las marcas seleccionadas que aparecen en la lista de códigos suministrada. Si la marca del dispositivo aparece en la lista, posiblemente la búsqueda se llevará a cabo de manera fácil y rápida.

**CONSEJOS:** Cada tecla de dispositivo está asociada a un tipo de dispositivo—TV está configurada para buscar TV, SAT•CBL•DTC para receptores de satélite, aparatos de cable o convertidores de TV digital, y VCR•DVD para VCRs o lectores de DVD.

La tecla ON•OFF sirve de luz indicadora durante la programación, ofreciéndole retroalimentación en cada etapa del proceso.

Para salir en cualquier momento de la Búsqueda de Códigos por Marca sin guardar un código nuevo, oprima la tecla GO BACK.

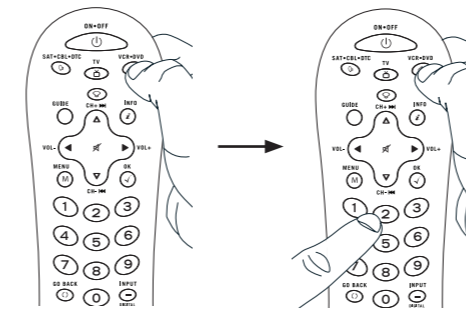
1. Encienda manualmente el dispositivo que desea manejar.



2. Si está programando la tecla TV o SAT•CBL•DTC, vaya al paso 3.

Si está programando la tecla VCR•DVD, necesitará indicarle al control remoto el tipo de dispositivo que desea que esta tecla maneje, VCR o Lector de DVD.

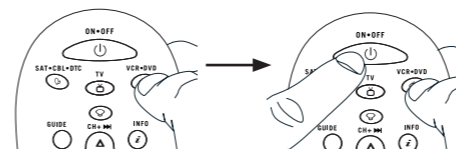
Oprima y sostenga la tecla VCR•DVD. Mientras sostiene la tecla VCR•DVD, utilice la otra mano para oprimir la tecla numérica para el tipo de dispositivo que desea manejar con esta tecla: 2 para VCR, 3 para Lector de DVD.



3. Encuentre la marca del dispositivo en la sección de Códigos por Marca de la lista de códigos suministrada. Marque con un círculo el número de la marca y mantenga la lista a mano.

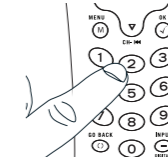


4. Oprima y sostenga la tecla de dispositivo que desea programar. A la vez que sostiene la tecla de dispositivo, utilice la otra mano para oprimir y sostener simultáneamente la tecla ON•OFF del control remoto.



5. Espere hasta que la tecla ON•OFF se ilumine y permanezca iluminada. Luego, suelte ambas teclas.

6. Fijese en el número que marcó para el número de código de la marca del dispositivo. Oprima dicho número en el teclado del control remoto.



7. Mantenga el control remoto apuntado directamente al panel frontal del dispositivo que desea manejar. Oprima la tecla ON•OFF y espere 2 segundos. El control remoto está probando un código para la marca del dispositivo.

**¿Se apagó el dispositivo?**

**SÍ:** Oprima la tecla STOP para guardar el código. ¡Listo! La tecla de dispositivo está programada.

**NO:** Oprima ON•OFF nuevamente. El control remoto prueba el próximo código para su marca.

Continúe oprimiendo ON•OFF cada 2 segundos hasta que el dispositivo se encienda. Cuando se encienda, oprima STOP.

## NOTAS

A través de la programación de cada tecla, asegúrese de mantener el control remoto apuntado directamente al sensor infrarrojo del dispositivo que está actualmente programando con el control remoto.

Pruebe el control remoto con el dispositivo para asegurarse que la tecla de dispositivo esté programada con el código correcto y garantizar así su máxima funcionalidad. Si no puede utilizar alguna de las funciones, intente con otro código. Para obtener mayor información, consulte la sección "Cómo Probar el Código para Obtener Máxima Funcionalidad" a continuación.

Durante la Búsqueda de Códigos por Marca, el control remoto ignora la opresión de teclas que no son parte de la búsqueda.

La búsqueda se detendrá luego de dos minutos (la tecla ON•OFF parpadea cuatro veces y se apaga, y se retiene el último código programado bajo la tecla de dispositivo).

La tecla ON•OFF parpadea cuatro veces y se apaga cuando el control remoto ha recorrido todos los códigos. El control remoto sale del método de Búsqueda de Códigos por Marca. Si su dispositivo aún no se ha apagado, intente un método de búsqueda diferente.

## Cómo Probar el Código para Obtener Máxima Funcionalidad

1. Pruebe una variedad de funciones del dispositivo con el control remoto. Si no puede utilizar alguna de las funciones de sus dispositivos, vaya al próximo paso e intente un código diferente.
2. Repita la Búsqueda de Códigos por Marca desde el comienzo. Cuando el dispositivo se apague por primera vez, no oprima la tecla STOP, con la cual quedaría guardado el mismo código. En vez, con la unidad apagada, continúe oprimiendo la tecla ON•OFF repetidamente hasta que la unidad se vuelva a encender.
3. Si se vuelve a encender la unidad, habrá encontrado otro código que puede manejar ese dispositivo. Oprima STOP.
4. Pruebe la funcionalidad de la tecla nuevamente intentando una variedad de funciones. Si el código controla la mayoría de las funciones del dispositivo, entonces habrá concluido la programación. Si el código guardado no brinda una máxima funcionalidad, intente otro código.

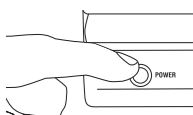
## Entrada Directa de Códigos

La Entrada Directa de Códigos le permite ingresar un código de la lista de códigos suministrada para la marca de su dispositivo. No es tan fácil como los otros métodos, pero es posiblemente el más rápido.

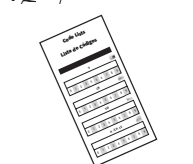
**CONSEJO:** Cada tecla de dispositivo está asociada a un tipo de dispositivo—TV está configurada para buscar TV, SAT•CBL•DTC para receptores de satélite, aparatos de cable o convertidores de TV digital, y VCR•DVD para VCRs o lectores de DVD.

La tecla ON•OFF sirve de luz indicadora durante la programación, ofreciéndole retroalimentación en cada etapa del proceso.

1. Encienda manualmente el dispositivo que desea manejar.

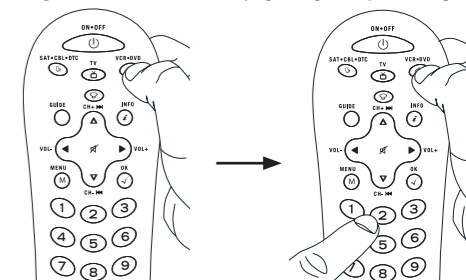


2. Encuentre la Lista de Códigos suministrada con el control remoto. Encuentre la sección para el tipo de dispositivo que desea programar, y localice la marca en esa sección. Marque con un círculo los códigos para la marca y manténgalos a mano.



3. Oprima y sostenga la tecla de dispositivo que desea programar (la tecla ON•OFF se ilumina).

Mientras oprime la tecla de dispositivo, ingrese con la otra mano el primer código de cinco dígitos para la marca de la lista de códigos (la tecla ON•OFF se apaga luego del primer dígito).



4. Cuando haya ingresado el código de cinco dígitos, continúe oprimiendo la tecla de dispositivo y observe la tecla ON•OFF.

**¿Se iluminó la tecla ON•OFF?**

**SÍ:** ¡Listo! La tecla de dispositivo está programada.

**No, parpadeó cuatro veces y se apagó:** Ha ingresado un número de código que no se encuentra en las listas de códigos u omitió un paso en el procedimiento de entrada de códigos. Intente el paso 3 nuevamente.

## NOTAS

Recuerde ingresar el código para referencia futura en el recuadro provisto en la sección Recuperación de Códigos de este manual.

Si la marca de su dispositivo no aparece en la lista de códigos, utilice uno de los métodos de Búsqueda de Códigos para programar el control remoto. (Consulte los métodos de Búsqueda Automática y Manual de Códigos)

Si suelta la tecla de dispositivo en cualquier momento durante el proceso de Entrada Directa de Códigos, la tecla ON•OFF parpadea cuatro veces, y se sale del proceso. Se retendrá el último código programado bajo la tecla de dispositivo.

Pruebe el control remoto con el dispositivo para asegurarse que la tecla de dispositivo esté programada con el código correcto y garantizar así su máxima funcionalidad. Si no puede utilizar alguna de las funciones, intente con otro código de la lista.

## Búsqueda Manual de Códigos

La Búsqueda Manual de Códigos le permite recorrer uno por uno todos los códigos del dispositivo que desea manejar. Cuando encuentre el que maneja su dispositivo, puede detener la búsqueda y guardar el código.

